Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		No.	04770.00116					
First Inventor PEKONEN								
Title	Protocol	Using	Forward Error Correction To Improve Handover					
Express Mail Label No.			EV 335691145 US					

(Only for ne	ew nonprovisional	applications unde	er 37 C.F.R. 1.	.53(b)) E	xpress Mail L	abel No.	EV 335691145 U	JS	
APPLICATION ELEMENTS					ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents. 1. Fee Transmittal Form (e.g., PTO/SB/17)					Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee)				
4. 🛛 D	Abstract of the Distract of th		Total Sheets	<u>15</u>]	11. 🗌	English Translation Document (if applicable) Information Disclosure			
b. Informal 5. Oath or Declaration [Total Pages 2] a. Newly executed (original or copy); or					13.	Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed)			
 b. ☐ Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. ☒ Application Data Sheet. See 37 CFR 1.76 					16. 🗆 17. 🖾	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
or in an App Contin Prior app For CONTIN	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.								
			nen a portion	has been in	advertently o	omitted fron		application parts.	
⊠ Custorr	17. CORRESPONDENCE ADDRESS 22907 Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Correspondence address below								
Name	Name Kenneth F. Smolik Banner & Witcoff, Ltd.								
Address									
City	. State Zip Code								
Country Telephone							Fax		
Name (Pr	Name (Print/Type) Kenneth F. Smolik Registration No. (Attorney/Agent) 44,344								
Signature		Signature Zennet 7 Amblek Date July 7, 2003					Date		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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CEE TO A NOMITTAL	Complete if Known					
FEE TRANSMITTAL	Application Number	Unassigned				
for FY 2003	Filing Date	July 7, 2003				
Patent fees are subject to annual revision.	First Named Inventor	PEKONEN				
Patent lees are subject to annual revision.	Examiner Name	Unassigned				
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Unassigned				
TOTAL AMOUNT OF PAYMENT (\$) 946	Attorney Docket No.	04770.00116				

MET	т	FEE CALCUL ATION (continued)					
IVIL	FEE CALCULATION (continued) 3. ADDITIONAL FEES						
☐ Check ☐ Ci	Large Entity Small Entity						
Deposit Accou	Fee	Fee	F				
Deposit	Code	(\$)	Fee Code	Fee (\$)	Fee Description	Fee Pald	
Account	1051	130	2051	65	Surcharge - late filing fee or oath		
Number		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit		1053	130	1053	130	Non-English specification	
Account Name	Banner & Witcoff, Ltd.	1812	2,520	1812	2,520	For filing a request for exparte reexamination	
The Commissione ☑ Charge fee(s) in	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
☐ Charge any add	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
to the above-identi	fied deposit account.	1251	110	2251	55	Extension for reply within first month	
4 5400 5114	1252	410	2252	205	Extension for reply within second month		
1. BASIC FILI		1253	930	2253	465	Extension for reply within third month	
Fee Fee F	Small Entity ee Fee Fee Description	1254	1,450	2254	725	Extension for reply within fourth month	
· · · ·	ode (\$) Fee Paid 001 ·375 Utility filing fee 750	1255	1,970	2255	985	Extension for reply within fifth month	
		1401	320	2401	160	Notice of Appeal	
		1402	320	2402	160	Filing a brief in support of an appeal	
		1403	280	2403	140	Request for oral hearing	
	004 375 Reissue filing fee 005 80 Provisional filling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
٠.	SUBTOTAL (1) (\$) 750	1452	110	2452	55	Petition to revive - unavoidable	
	30B101AE(1)	1453	1,300	2453	650	Petition to revive - unintentional	
2. EXTRA CLAIM	FEES	1501	1,300	2501	650	Utility issue fee (or reissue)	
	Extra Fee from Fee	1502	470	2502	235	Design issue fee	
Total Claims 24	Claims below Paid	1503	630	2503	315	Plant issue fee	
Independent	-20 ** = 4 X 18 = 72		130	1460	130	Petitions to the Commissioner ·	
Claims 4	-3 ** = 1 X 84 = 84	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Multiple	x = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent <u>Large Entity</u>	Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of	40
Fee Fee Code (\$)	Fee Fee <u>Fee Description</u>	1809	750	2809	375	properties) Filing a submission after final rejection	
1202 18	2202 9 Claims in excess of 20					(37 CFR § 1.129(a))	
1201 84 1203 280	2201 42 Independent claims in excess of 3 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1204 84	2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18	2205 9 "Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
	Other fo	Other fee (specify)					
**or number previ	*Redu	ced by Ba	asic Filing	Fee Pa	aid SUBTOTAL (3) (\$) 40		

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	Kenneth F. Smolik	Registration No. Attorney/Agent)	44,344	Telephone	312-463-5000		
Signature	Kenned	7 Smole		Date	July 7, 2003		

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Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231

CERTIFICATE OF EXPRESS MAIL (PATENT)

Attorney Docket No. 04770.00116

Express Mail No. EV 335691145 US
Deposited July 7, 2003

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR §1.10 on the date indicated above and is addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:__

Pekonen, U.S. Patent Application for "PROTOCOL USING FORWARD ERROR CORRECTION TO IMPROVE HANDOVER"

- Transmittal Form (in duplicate)
- Fee Transmittal (in duplicate)
- Application Data Sheet (3 pages)
- Declaration and Power of Attorney (2 pages)
- Patent Application (24 pages)
- 15 Sheets of Drawings
- Assignment Recordation Coversheet (in duplicate)
- Assignment (2 pages)
- Return Receipt Postcard